

**Final Work Plan  
Interim Response Action  
Temporary Cover of Two Iron Bleed Tailings Areas  
February 26, 2002**

Three areas of stockpiled “Iron Bleed Tailings” on the Yerington Mine property (see figure 1) have been identified by the Yerington Paiute Tribal representatives as areas of concern regarding potential sources of airborne contaminants. Even though the areas have not been appropriately characterized, it was determined by the Yerington Technical Work Group (YTWG) that an Interim Response Action to temporarily cover the tailings is warranted and will allow resolution of immediate concerns until full characterization can be completed and remedial alternatives, if necessary, can be evaluated.

**GENERAL DESCRIPTION**

For the purpose of identification, the three areas have been named “Iron Bleed Tailings Area 1”, “Iron Bleed Tailings Area 2” and “Iron Bleed Tailings Area 3”. (see figure 1)

**Iron Bleed Tailings Area 2**

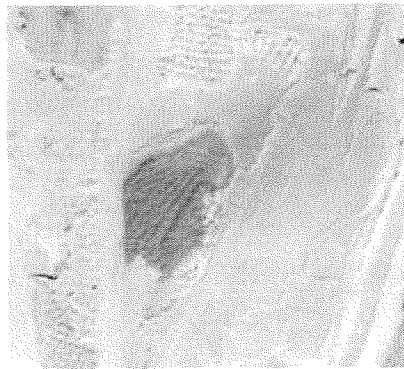
At the Anaconda Plant site, there is a below ground concrete lined tank with approximately two feet of red tails in the bottom. The tank is 10 feet deep by 102 feet wide by 127 feet long. The tailings from Area 2 will be removed from the existing position inside the concrete enclosure and transported to Area 1 for the purpose of consolidation of Iron Bleed Tailings storage areas and in anticipation of future remedial/removal activities at Area 2. A ramp into the Concrete enclosure will be constructed to allow access for excavation equipment. Iron Bleed Tailings will be excavated and trucked to Area 1. Every effort will be made to remove the tailings using excavation equipment, however, residual amounts will not be removed and no sweeping, vacuuming efforts will be conducted. A thin layer of soil will be added to cover residual amounts of material if needed. The ramp will remain in place for future use. A water truck will be used for dust control.



AREA 2

### **Iron Bleed Tailings Area 1**

Existing tailings at Area 1 cover approximately 48,000 square feet. Tailings from Area 1 and 2 will be leveled and then covered with adjacent VLT material. The cover layer will be 6 to 12 inches thick and will be installed for the purpose of minimizing potential for release of airborne contaminants. Three samples of Iron Bleed Tailings and three samples of the cover material will be collected and analyzed as described below. A water truck will be used for dust control and to assist in compaction.



AREA 1

### **Iron Bleed Tailings Area 3**

Area 3 is in the ditch along the eastern edge of the VLT dump and appears to be on BLM property. It is 2,000 feet long with a varying width of 2 to 30 feet wide. The Iron Bleed Tailings will be capped using VLT material pushed down from the dump on the western side. The cover layer will be 6 to 12 inches thick and will be installed for the purpose of minimizing potential for release of airborne contaminants. Three samples of Iron Bleed Tailings and three samples of the cover material will be collected and analyzed as described below. A water truck will be used for dust control as needed to assist with compaction. A drainage channel along the toe of the VLT dump must be maintained following capping activities.



AREA 3

## **SURVEY PROCEDURES**

No survey activities are needed or proposed for Area 2. Limited survey activities are warranted at Area 1 and Area 3. Mr. Joe Sawyer of SRK Consulting will survey these areas with available equipment using the Mine Coordinate System. Also, he will pound metal "T Posts" into the corners of the capped material and using a GPS unit, will mark the location of these "T Posts". The survey work along with the GPS coordinates will be adequate for locating Area 1 and Area 3 in the future. Digital photographs will also be taken during construction activities. This survey work will be logged and included in a brief report from SRK to NDEP.

## **SAMPLING PROCEDURES**

As discussed above, three representative discrete samples of iron bleed tailings and three representative discrete samples of cover material will be collected from each of two areas (Area 1 and Area 3). Because Area 2 material will be consolidated with Area 1 material, no discrete Area 2 sample is warranted and thus will not be collected.

### **Synthetic Precipitation Leaching Procedure**

All samples will be analyzed by SW 846 Method 1312 (Synthetic Precipitation Leaching Procedure). This method is designed to determine the mobility of both organic and inorganic analytes present in the tailing material.

**Vat leach tails:** SPLP SW846 MTD 1312; The laboratory will be instructed to measure and report the pH of the final extract.

**Iron bleed tails:** follow SPLP SW846 MTD 1312; except that the initial leaching fluid is to be replaced by the final leachate from the leaching of the vat leach tails. This is to simulate leaching of the iron bleed tails by precipitation that leached through overlying vat leach tails which will be the cover material for the iron bleed tailings.

### **Metals Analysis**

All samples will also be analyzed for the following metals using a totals analysis: Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc).

### **Sieve Analysis**

Sieve analysis has been previously conducted (see attached reports from Col Tech EnviroLabs. Inc), however, two additional samples of the cover material will be analyzed for gradation.

### **Sample Collection Methods**

16 oz. wide mouth glass jars—pre-washed with deionized water will be used for all samples

One glass jar will be used for each sample

Samples will be collected using a shovel rinsed three times with deionized water and air-dried and plastic scoops and spoons, **likewise** washed and dried.

### **Bulk samples for Future Analysis**

A five-gallon plastic DOT shipping pail or equivalent will be collected for each sample for future reference and testing. The pail will be rinsed three times with deionized water and air-dried. Sampling will be done using a steel shovel triple rinsed with deionized water and air-dried. Sampling will be done using a steel shovel triple rinsed with deionized water and air dried before use for each sample.

### **Duplicate analyses**

One sample each of iron bleed tails and vat leach tails will be replicated (i.e. two replicate samples collected in the field for in separate glass jars and will be analyzed).

### **HEALTH AND SAFETY**

The contractor shall be MSHA trained and shall submit a health and safety plan to NDEP for review and approval.

### **SUMMARY**

Field sample collection is currently scheduled and will be completed on February 27, 2002. Lab turn-around will be two weeks and analysis results will be available at that time (approximately March 13, 2002). Construction work is scheduled to begin on March 25, 2002.

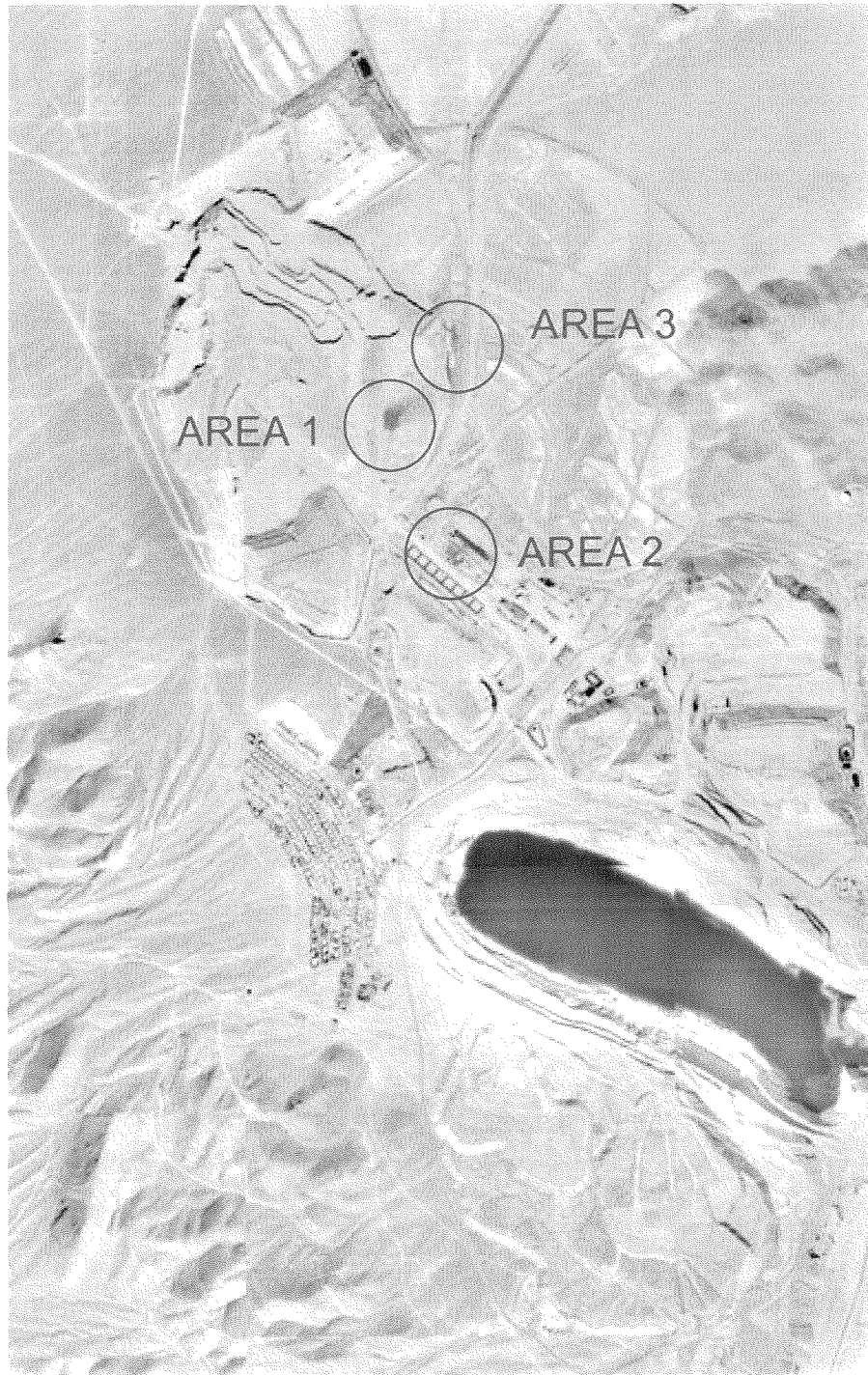


figure 1



CLIENT: Mr Joe Sawyer  
ARI001 Arimetco, Inc.  
102 Burch Drive  
Yerington NV 89403

DATE: February 23, 1998  
ORDER NUMBER: N / A  
INVOICE NUMBER: M0056  
LABORATORY NUMBER: M048-04

## REPORT OF ANALYSIS

REPORT ON: Oxide Copper  
ANALYTICAL METHOD: A.A.

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### SAMPLE ID: VLT Tails 2

Screen Fraction	Fraction wt. ( g )	Fraction Dist. (Decimal)	Fraction Dist. ( % )	Fraction Assay Cu ( % )	Weighted Assay Cu ( % )	Fraction % Dist. Cu
+ 3/8	1406	0.2167	21.67	0.0920	0.0199	17.11
- 3/8 +1/4	1673.6	0.2579	25.79	0.0832	0.0214	18.40
- 1/4 + 1/8	1308.4	0.2016	20.16	0.0837	0.0169	14.53
- 1/8 +	785.6	0.1211	12.11	0.1358	0.0164	14.10
-1/16	1315.2	0.2027	20.27	0.2059	0.0417	35.86
TOTALS	6488.8	1.0000	100.00	Calc. Head = 0.1163		100.00

  
Wayne M. Colwell  
General Manager

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

COL•TECH EnviroLabs, Inc.

1855 Deming Way, Sparks, Nevada 89431 PH 800 774 3636, 702 331 3600, FAX 702 331 7264



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## REPORT OF ANALYSIS

REPORT ON: Oxide Copper  
ANALYTICAL METHOD: A.A.

PAGE: 1 OF 4

SAMPLE ID: VLT Tails 1						
Screen Fraction	Fraction wt. ( g )	Fraction Dist. (Decimal)	Fraction Dist. ( % )	Fraction Assay Cu ( % )	Weighted Assay Cu ( % )	Fraction % Dist. Cu
+ 3/8	1232.8	0.1719	17.19	0.0737	0.0127	10.53
- 3/8 + 1/4	2230.4	0.3109	31.09	0.1000	0.0311	25.79
- 1/4 + 1/8	1456.4	0.2030	20.30	0.0719	0.0146	12.11
- 1/8 + 1/16	723.2	0.1008	10.08	0.0785	0.0079	6.55
- 1/16	1530.4	0.2134	21.34	0.2546	0.0543	45.02
TOTALS	7173.2	1.0000	100.00	Calc. Head = 0.1206		100.00

  
Wayne M. Colwell  
General Manager

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

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